

Long Range Plan

University of Alberta

March, 1961

Dr. Johns

OFFICE of the PRESIDENT



EDMONTON,
Alberta, Canada

March 18, 1961

Mr. H. W. Hignett
Executive Director
Head Office
Central Mortgage and Housing Corporation
Ottawa, Ontario

Dear Mr. Hignett:

During our visit to your office on February 23rd, to discuss the residence program of the University of Alberta, I undertook to let you have more information about the University's Long Range Development Plan and the place of the residences within the larger framework.

The attached charts and tables will indicate the basic information and principles which underly our planning. We will be happy to supply more details of any kind which you may wish to have.

Chart I is a schematic diagram showing the relative interdependence of faculties on this campus. It is arranged in concentric circles with the library at the centre. An explanatory text accompanies the diagram.

Chart II is a map of the campus showing neighboring areas and the site of the proposed residence development.

Chart III is a guide map of the campus to be used in conjunction with Chart II for purposes of identification. The proposed site of the residences is number 55 at H3 on this map.

Chart IV is a map of the campus with concentric circles centering on the new library which is to be begun this year. This chart is intended to suggest how the theory of academic interrelations presented in Chart I can be used as a guide in the physical planning of the campus. The Long Range Planning Committee has recommended that the simplest and most satisfactory plan for expansion of the campus is concentric ring zoning, even though the first campus buildings were placed nearer the river than would be ideally desirable. Strip zoning or decentralized zoning are obviously impractical. The possibility of expanding the campus eastward to take in blocks 176 to 183 of the old residential area of Garneau is being explored with the Provincial Government and the City of Edmonton.

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Tables I and II give the best estimates available to us of student attendance for the next 20 years. The projections necessarily assume that the University will continue to develop according to current plans. The figures for the next 5 years are probably quite good, and those for the next 10 years can serve as a planning guide. All figures are under constant revision.

Our immediate aim is to provide accommodation for all first year students from out of the city, and for a sufficient proportion of upper-classmen to provide a maturer balance. This would mean raising the proportion of the student population in residence from less than 10% to more than 20%.

Extra copies of this letter and its attachments are enclosed in case they may be of interest to Mr. MacLennan, Mr. Glover and Mr. Collins.

Yours sincerely,

Aylmer A. Ryan
Executive Assistant
to the President

AAR:bl

University of Alberta

Interdependence of Faculties in Normal

University Programs

The schematic diagram is designed to illustrate and emphasize the dependence of the various university faculties on the library and on the four main areas in Arts & Science and the inter-relations among the various divisions and faculties. The inner circle, including Library, Humanities, Physical Sciences, Biological Sciences, comprise "the core" of the University. It seems reasonable that Administration should be located in or near this core because everyone on the campus uses the administrative facilities to some extent.

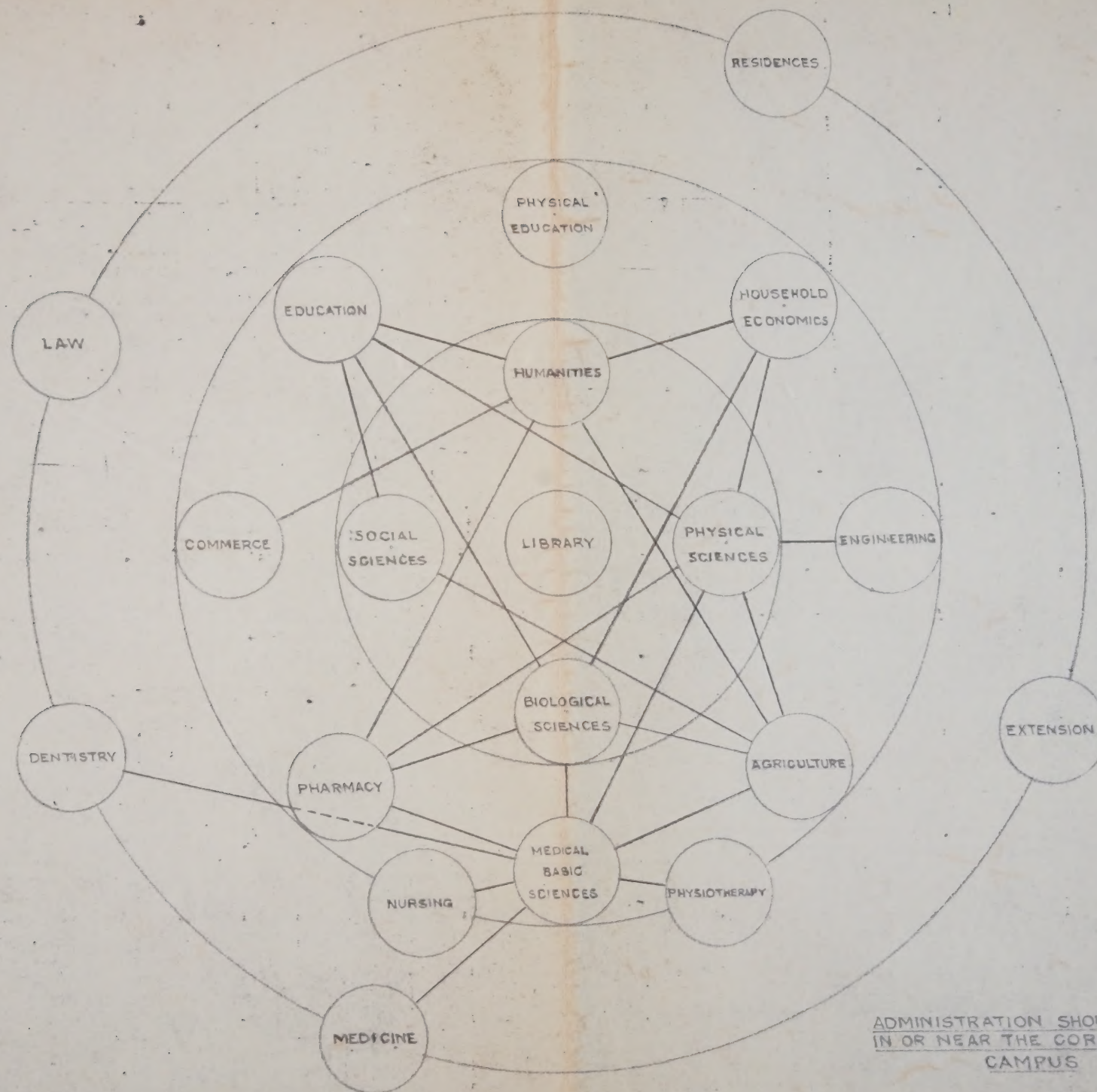
The second circle contains those Faculties and Schools that require the facilities of Arts and Sciences to a greater or lesser degree in their normal programs. Some of these like Education and Agriculture require the facilities of all four basic divisions of Arts and Sciences throughout the whole program of studies, both undergraduate and graduate. Others require the facilities more in the earlier years, e.g., Pharmacy. Some require service mainly from one area of Arts and Science; e.g., Engineering from Physical Sciences and Commerce from Social Sciences. Physical Education is used by all freshmen and itself draws on all basic areas in the first year. It belongs in the second circle because of the very large number of students involved regularly.

The outer circle contains those Faculties or Services that do not academically require close association with the core or even, in most cases, with the second circle. It will be seen that the "Medical Basic Sciences" have been separated from the rest of Medicine. This serves to emphasize that other university disciplines draw on these basic departments but not on the clinical departments. Medicine, Dentistry and Law take in only students who have had some Arts and Science work in pre-professional years or who already hold an Arts or Science degree. Their programs, as outlined in the calendar, are not dependent on any other area.

Extension is, of course, in a situation quite different from the teaching Faculties. It does not receive an hourly flow of students and its location has no academic importance to the internal life of the regular university faculties. For this reason it cannot be justified as a part of the two inner circles.

Residences should be an integral part of the campus but do not need to be in close association with the main academic area.

Additions to the university program can be visualized using the schematic diagram; e.g., Veterinary Science has been suggested as a future development. It should be located in reasonably close association with Agriculture, Medicine and the basic sciences both medical and non-medical.



ADMINISTRATION SHOULD BE
IN OR NEAR THE CORE OF THE
CAMPUS

UNIVERSITY OF ALBERTA

SCHEMATIC DIAGRAM SHOWING
RELATIVE INTERDEPENDENCE OF FACULTIES

SUBMITTED TO THE BOARD OF GOVERNORS, U.C.
BY THE LONG RANGE PLANNING COMMITTEE,
JANUARY 1960.



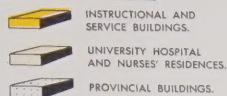
LEGEND

-  EXISTING UNIVERSITY BUILDINGS.
-  AUTHORISED NEW UNIVERSITY BUILDINGS.
-  UNIVERSITY HOSPITAL & NURSES RESIDENCES.
-  PROVINCIAL BUILDINGS.

MAP OF CAMPUS & GARNEAU
UNIVERSITY OF ALBERTA.

SCALE. 1" = 500 FT. APPROX.

CAMPUS MAP

UNIVERSITY OF ALBERTA
EDMONTON

7 BUILDING NUMBER

23 BUS ROUTES

RAILWAY ROUTE

3 Jasper Ave., 100 Street—Campus—91 Ave., 120 Street.

6 Jasper Ave., 100 Street—82nd Ave.—South of U. of A. Hospital.

23 118 Ave., 132 Street—Campus—62 Ave., 111 Street.

NEW BUILDINGS UNDER CONSTRUCTION IN 1961

53 EDUCATION BUILDING F-9

54 GRADUATE STUDIES LIBRARY E-7

55 STUDENT RESIDENCES I-4

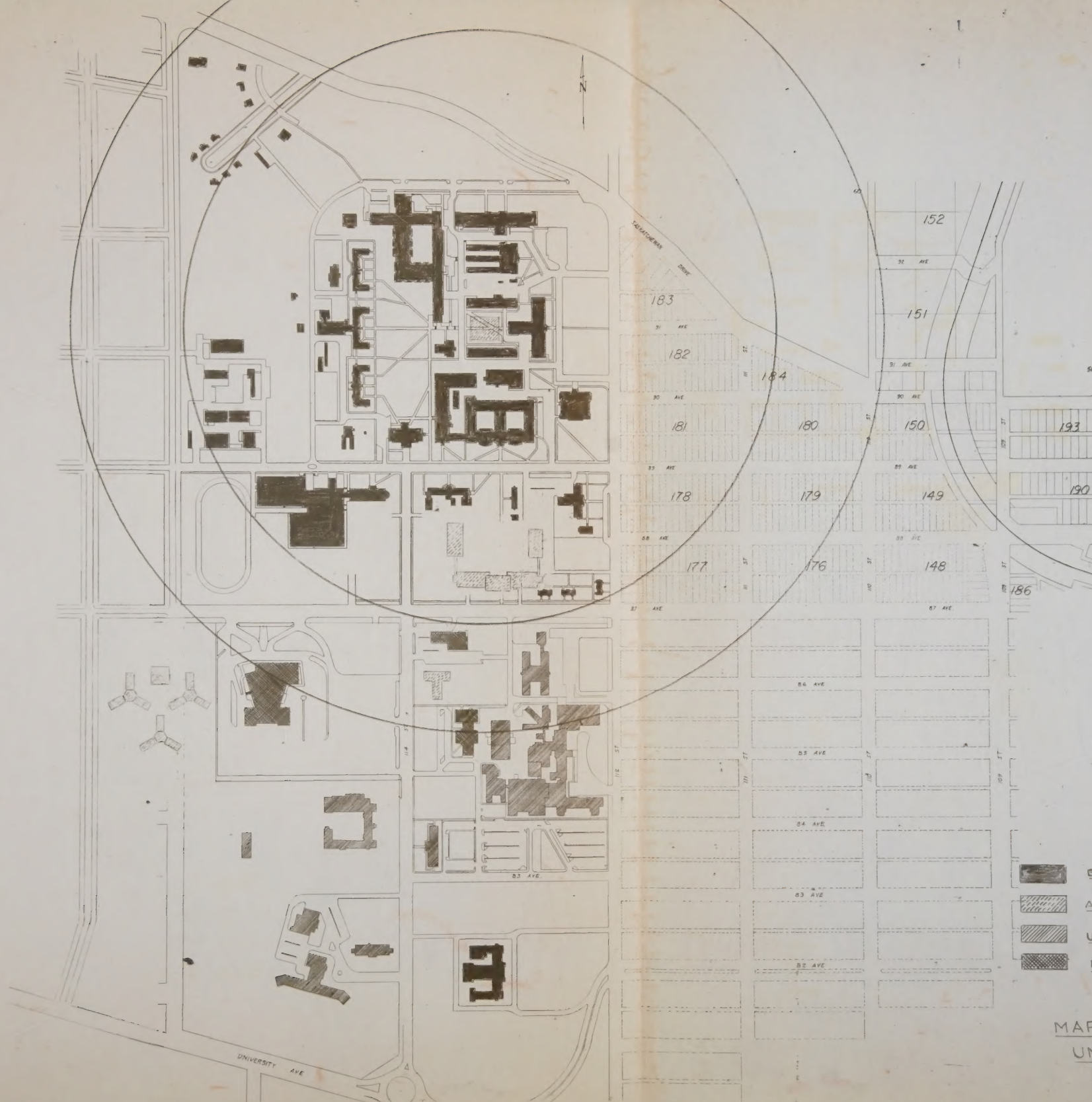


INDEX OF BUILDINGS

BUILDING NO.	LOCATED IN BUILDING	MAP REFERENCE
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MAP OF CAMPUS & GARNEAU
UNIVERSITY OF ALBERTA.

SCALE. 1" = 500 FT APPX

University of Alberta

Enrolment Projections

Full-time Students in Daytime Attendance

Winter Session	Edmonton Campus			Calgary Campus			Grand Total
	Under-graduates	Graduate Studies	Total	Under-graduates	Graduate Studies	Total	
1961-62	5730	470	6200	1460	20	1480	7680
1962-63	6130	530	6660	1760	40	1800	8460
1963-64	6460	600	7060	2080	60	2140	9200
1964-65	6970	700	7670	2480	80	2560	10230
1965-66	7720	820	8540	3020	100	3120	11660
1966-67	8290	930	9220	3510	150	3660	12880
1967-68	8710	1010	9720	3930	200	4130	13850
1968-69	9040	1090	10130	4300	250	4550	14680
1969-70	9320	1180	10500	4720	270	4990	15490
1970-71	9820	1290	11110	5200	300	5500	16610
1971-72	10360	1430	11790	5800	330	6130	17920
1972-73	10740	1570	12310	6260	380	6640	18950
1973-74	11180	1660	12840	6630	450	7080	19920
1974-75	11510	1770	13280	7000	530	7530	20810
1975-76	11970	1870	13840	7320	600	7920	21760
1976-77	12400	2010	14410	7670	670	8340	22750
1977-78	12840	2150	14990	7970	750	8720	23710
1978-79	13310	2270	15580	8280	830	9110	24690
1979-80	13800	2410	16210	8620	900	9520	25730
1980-81	14210	2570	16780	8970	980	9950	26730

*

Excludes Diploma in Nursing candidates.

* Figures highly conjectural for Calgary

Source Material

1. "Demographic and Economic Trends in Alberta in Relation to School Needs", Hanson & Uhlman, 1958.
2. Department of Education Annual Reports, 1929 to date.
3. Official Statistics of the University of Alberta, 1946 to date.

University of Alberta

Projected Urban-Rural Distribution of Alberta Students

Winter Session	Total Daytime Students (incl. part time)	Total With Home Addresses in Alberta	Number from Urban Centres	Number from Rural Areas
1961-62	8110	7440	4290	3150
62-63	8920	8180	4760	3420
63-64	9660	8860	5200	3660
64-65	10720	9820	5790	4030
65-66	12170	11150	6600	4550
66-67	13400	12260	7310	4950
67-68	14380	13160	7870	5290
68-69	15250	13940	8350	5590
69-70	16070	14690	8810	5880
1970-71	17210	15710	9430	6280
71-72	18530	16920	10150	6750
72-73	19560	17840	10700	7140
73-74	20570	18760	11260	7500
74-75	21460	19550	11730	7820
75-76	22430	20430	12260	8170
76-77	23440	21330	12800	8530
77-78	24400	22200	13320	8880
78-79	25390	23080	13850	9230
79-80	26440	24030	14420	9610
1980-81	27460	24930	14960	9970

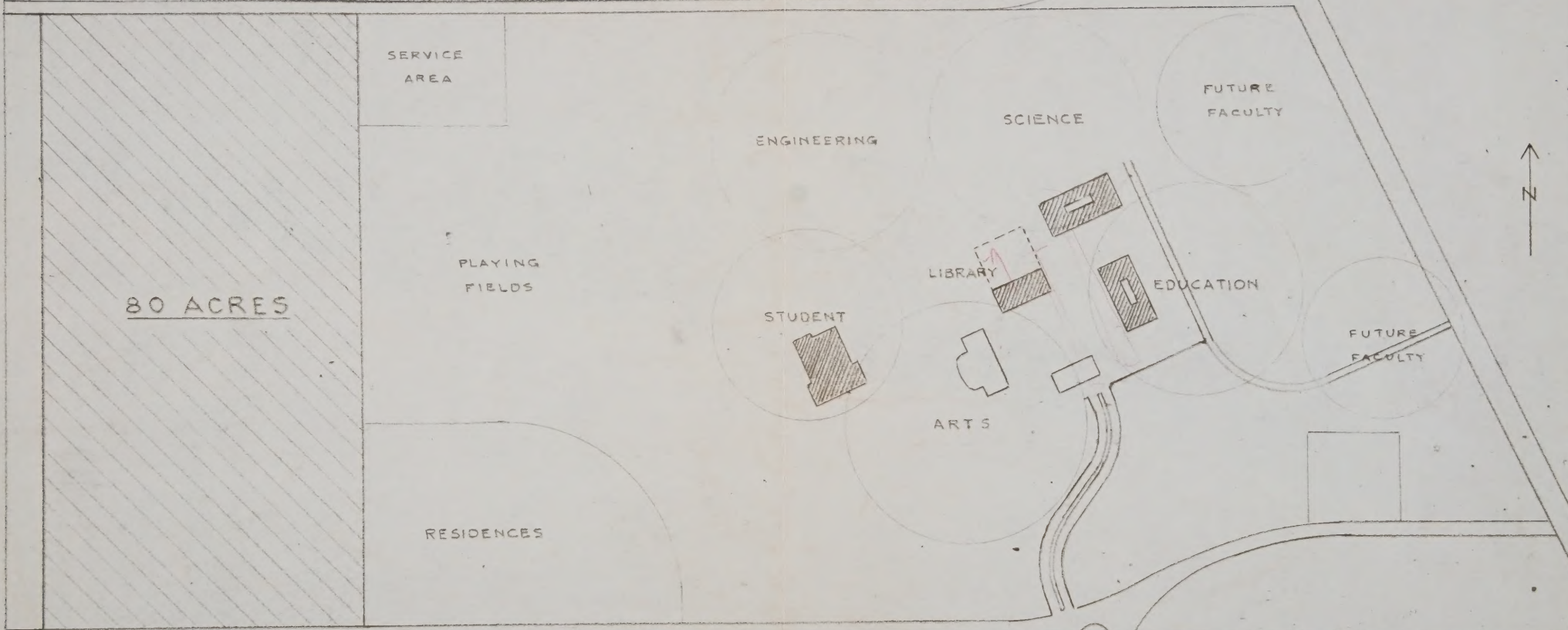
Excludes Diploma in Nursing candidates

525

Amille

BLACK

Walter H. Johns



80 ACRES

SERVICE
AREA

PLAYING
FIELDS

RESIDENCES

ENGINEERING

SCIENCE

FUTURE
FACULTY

STUDENT

LIBRARY

ARTS

EDUCATION

FUTURE
FACULTY

SCALE 1" = 500'

UNIVERSITY OF ALBERTA
CALGARY
LONG RANGE PLAN

RECOMMENDED TO THE
BOARD OF GOVERNORS
BY THE
LONG RANGE COMMITTEE
FEB 3RD 1961

